

WHAT IS CLAIMED IS:

- 1           1.     An electronic device comprising:  
2                     a cover coupled to a computing device, the cover comprising  
3     at least one of a touch panel and a lighting system; and  
4                     a display coupled to the computing device and separate from  
5     the cover.
- 1           2.     The electronic device of Claim 1, wherein the cover  
2     comprises both a touch panel and a lighting system.
- 1           3.     The electronic device of Claim 1, wherein the cover is  
2     coupled to the electronic device by at least one hinge.
- 1           4.     The electronic device of Claim 3, wherein at least one wire is  
2     coupled to the hinge for providing an electrical connection between the  
3     cover and the computing device.
- 1           5.     The electronic device of Claim 1, wherein the lighting system  
2     comprises a light guide and a light source.
- 1           6.     The electronic device of Claim 5, wherein the light source  
2     comprises at least one light emitting diode.
- 1           7.     The electronic device of Claim 5, wherein the light guide is  
2     made of at least one of polymethyl methacrylate and polycarbonate.
- 1           8.     The electronic device of Claim 5, further comprising a light  
2     bar adjacent to the light guide.
- 1           9.     The electronic device of Claim 5, wherein the computing  
2     device includes a display and the light guide is configured to direct light  
3     toward the display when the cover is positioned over the display.

1           10. The electronic device of Claim 1, wherein the touch panel is  
2 an analog resistive touch panel.

1           11. The electronic device of Claim 1, wherein the touch panel  
2 comprises a first sheet and a second sheet, wherein the first and second  
3 sheets include a conductive coating.

1           12. The electronic device of Claim 11, wherein the conductive  
2 coating comprises indium tin oxide.

1           13. The electronic device of Claim 1, wherein the display is a  
2 flexible display.

1           14. The electronic device of Claim 1, wherein the display is one  
2 of a reflective and a transfective display.

1           15. The electronic device of Claim 1, wherein the display is an  
2 emissive display and the cover does not include a lighting system.

1           16. The electronic device of Claim 1, wherein the cover further  
2 comprises a frame adjacent to the at least one of a touch panel and  
3 lighting system.

1           17. A cover for a portable electronic device comprising:  
2 a frame;  
3 a touch panel coupled to the frame; and  
4 a lighting system coupled to the frame and configured to  
5 illuminate a display when the cover is positioned proximate the display.

1           18. The cover of Claim 17, wherein the cover is coupled to a  
2 computing device housing.

1           19. The cover of Claim 17, wherein the display is coupled to a  
2 computing device.

1           20. The cover of Claim 17, wherein the display is a flexible  
2 display.

1           21. The cover of Claim 20, wherein the flexible display  
2 comprises at least one fold line dividing the flexible display into at least  
3 two display sections.

1           22. The cover of Claim 17, wherein the lighting system  
2 comprises a light guide and a light source.

1           23. The cover of Claim 22, wherein the light source comprises at  
2 least one light emitting diode.

1           24. The cover of Claim 22, wherein the portable electronic  
2 device includes a display and the light guide is configured to direct light  
3 toward the display when the cover is positioned proximate the display.

1           25. The cover of Claim 17, wherein the touch panel is an analog  
2 resistive touch panel comprising a first sheet and a second sheet.

1           26. The cover of Claim 25, wherein at least one of the first and  
2 second sheets include a conductive coating.

1           27. The cover of Claim 26, wherein the conductive coating  
2 comprises indium tin oxide.

1           28. A portable electronic device comprising:  
2               a computing device having a housing and a display fixably  
3 attached to the housing;

4 a cover panel having a frame and rotatably coupled to the  
5 housing and movable between a first position and a second position;  
6 a lighting assembly coupled to the frame; and  
7 a touch panel coupled to the frame;  
8 wherein the lighting assembly and touch panel are located  
9 proximate at least a portion of the display in the second position.

1 29. The portable electronic device of Claim 28, wherein the  
2 display panel is at least one of a reflective, a transfective, and an  
3 emissive display.

1 30. The portable electronic device of Claim 28, wherein the  
2 display panel is a foldable display that is movable between a collapsed  
3 and an expanded position.

1 31. The portable electronic device of Claim 28, wherein the  
2 cover panel is coupled to the computing device by at least one hinge.

1 32. The portable electronic device of Claim 28, further  
2 comprising means for providing an electrical connection between the  
3 computing device and at least one of the lighting assembly and the touch  
4 panel.

1 33. The portable electronic device of Claim 28, wherein the  
2 lighting assembly comprises a light guide and at least one light emitting  
3 diode.

1 34. The portable electronic device of Claim 33, wherein the light  
2 guide is configured to direct light toward at least a portion of the display  
3 when the cover panel is positioned over the display.

1 35. The portable electronic device of Claim 28, wherein the  
2 touch panel is an analog resistive touch panel.

1           36. The portable electronic device of Claim 28, wherein the  
2 touch panel comprises a first layer and a second layer, wherein the first  
3 and second layers include a conductive coating.

1           37. The portable electronic device of Claim 36, wherein the  
2 conductive coating comprises indium tin oxide.

1           38. A method for using a portable electronic device comprising:  
2                 positioning a cover adjacent to at least a portion of a display  
3 attached to a computing device, the cover comprising a touch panel and a  
4 lighting assembly;  
5                 illuminating at least a portion of the display; and  
6                 entering information into the computing device using the  
7 touch panel.

1           39. The method of Claim 38, wherein the display is a flexible  
2 display.

1           40. The method of Claim 39, wherein the flexible display is  
2 configured to provide a large form factor display.

1           41. The method of Claim 39, further comprising expanding the  
2 flexible display.

1           42. The method of Claim 38, wherein the step of positioning the  
2 cover comprises rotating the cover about a hinge coupling the cover to  
3 the computing device.

1           43. The method of Claim 38, wherein the lighting assembly  
2 comprises a light guide and a light source.

1           44.    The method of Claim 38, wherein the step of entering  
2   information into the computing device comprises at least one of writing  
3   and drawing.

1           45.    The method of Claim 38, wherein the step of entering  
2   information into the computing device comprises contacting the touch  
3   panel using at least one of a pen, a stylus, and a fingertip.

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